

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	217	222/321.6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 18:14
S2	1567	plunger same (bias\$4 or spring) same damp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 18:16
S3	31	plunger same (bias\$4 or spring) same damp\$3 same handle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 18:20
S4	18	plunger same (bias\$4 or spring) same damp\$3 same dispens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:29
S5	61	plunger same (bias\$4 or spring) same damp\$3 same nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/15 18:25
S6	39	plunger same damp\$3 same dispens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:44
S7	18	plunger same (bias\$4 or spring) same damp\$3 same dispens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:26
S8	21	S6 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:26
S9	1044	plunger same (bias\$4 or spring)same dispens\$3 same valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:39
S10	29	S9 and damp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:40
S11	706	S9 and (gun or actuat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:40

## EAST Search History

S12	25	S11 and damp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:45
S13	972	plunger same dispens\$3 same valve same (inlet or outlet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:45
S14	23	S13 and damp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 09:45
S15	1655	222/321.1-321.9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 11:15
S16	17	S15 and (plunger or piston) and damp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 11:03
S17	1012	S15 and (plunger or piston)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 11:04
S18	8	("1588919"   "2270794"   "3545682"   "4057176"   "4161288").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 12:03
S19	21	("4249681").URPN.	USPAT	OR	ON	2006/08/16 12:04
S20	5	("1305868"   "3478935"   "3685739").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 12:10
S21	45	("4082223").URPN.	USPAT	OR	ON	2006/08/16 14:51
S22	1655	222/321.1-321.9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 14:52
S23	15	damp\$3 and S22	USPAT	OR	ON	2006/08/16 15:34
S24	3	("3746260"   "4762475"   "4930999").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 15:07
S25	131	220/309	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 15:08
S26	1116	222/309	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 15:08

## EAST Search History

S27	1052	S26 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 15:08
S28	4	("3110310"   "4364388"   "5807340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 15:14
S29	1	("6024728").URPN.	USPAT	OR	ON	2006/08/16 15:15
S30	27	("0546073"   "2732102"   "2750943"   "2778541"   "3058632"   "3112743"   "3141583"   "3160156"   "3193146"   "3255747"   "3422814"   "3721229"   "3765413"   "3894663"   "4090639"   "4274163").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/16 15:26
S31	54	("4338925").URPN.	USPAT	OR	ON	2006/08/16 15:29
S32	16	damp\$3 and S26	USPAT	OR	ON	2006/08/16 15:36
S33	396	222/282,287.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/16 15:36